

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140945.D
 Acq On : 20 Dec 2024 12:51
 Operator : RC/JU
 Sample : P5316-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-304-IDWSO-20241217-1

Quant Time: Dec 20 13:12:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

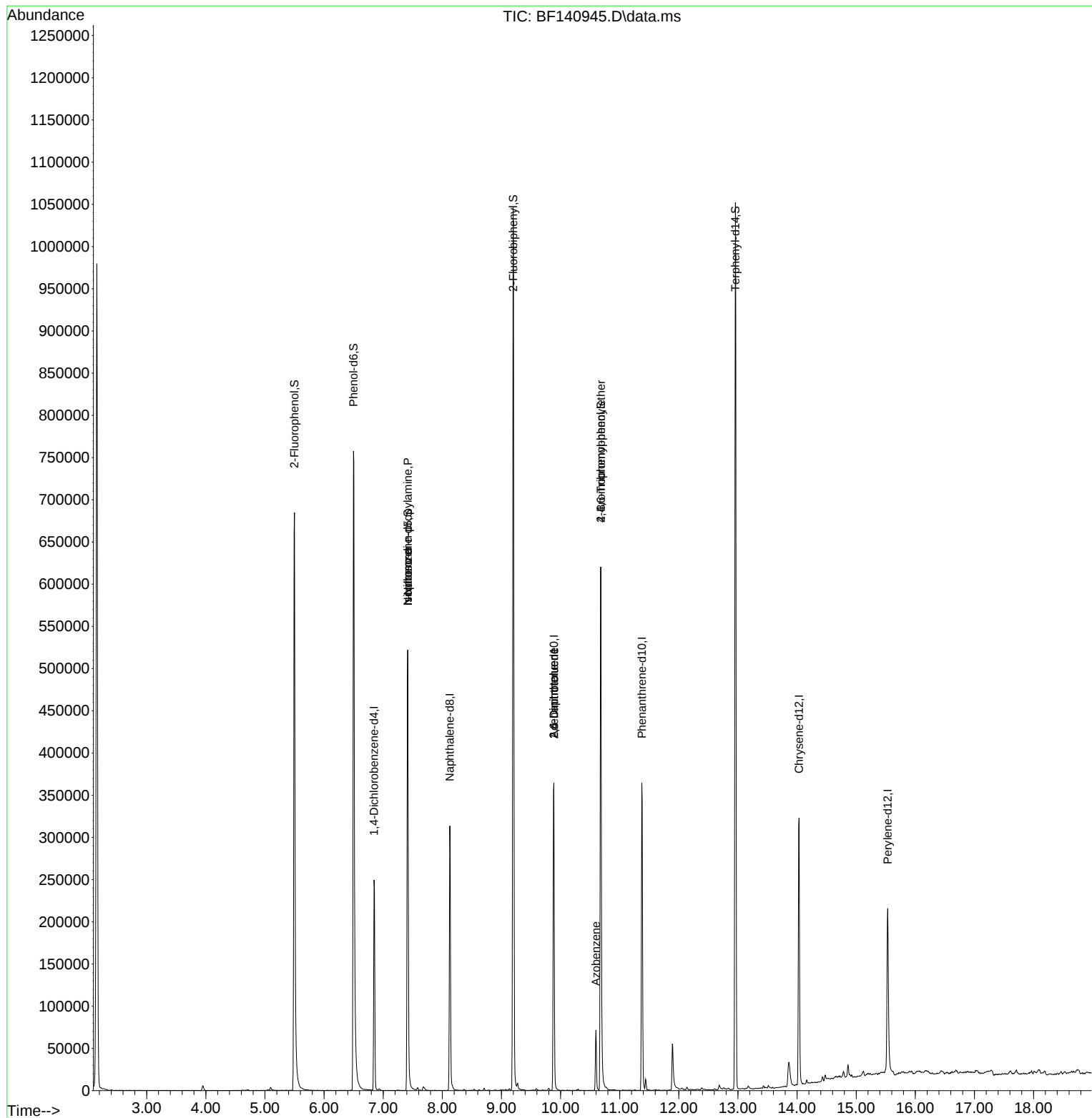
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	57889	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	220576	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	122567	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	209736	20.000	ng	0.00
76) Chrysene-d12	14.033	240	174197	20.000	ng	0.00
86) Perylene-d12	15.533	264	135546	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	325649	92.604	ng	0.01
7) Phenol-d6	6.498	99	453959	97.464	ng	0.00
23) Nitrobenzene-d5	7.416	82	260205	59.020	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	124785	86.081	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	501263	56.227	ng	0.00
79) Terphenyl-d14	12.957	244	529929	47.970	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	34493	12.346	ng	# 75
25) Isophorone	7.416	82	260072	35.206	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	15623	7.908	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	15623	6.011	ng	# 14
63) Azobenzene	10.598	77	19506	2.316	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	8223	3.505	ng	# 1

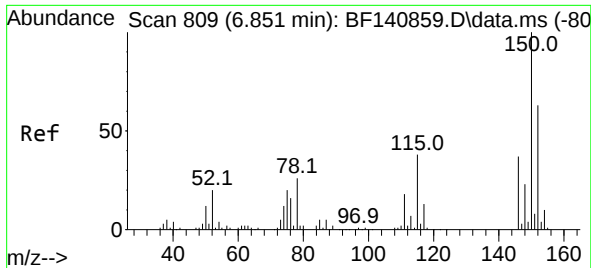
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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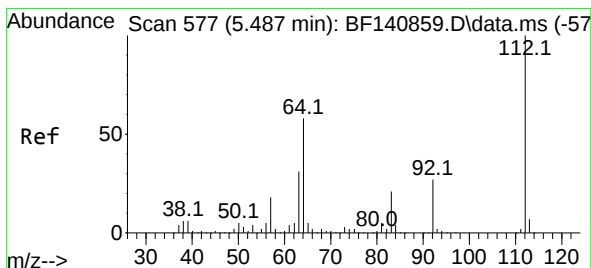
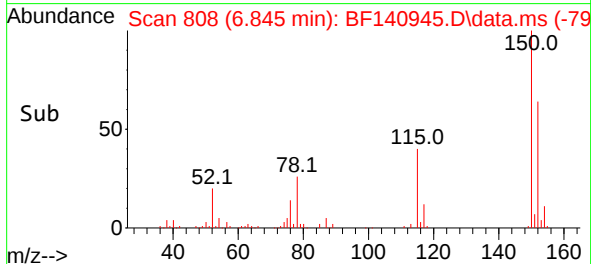
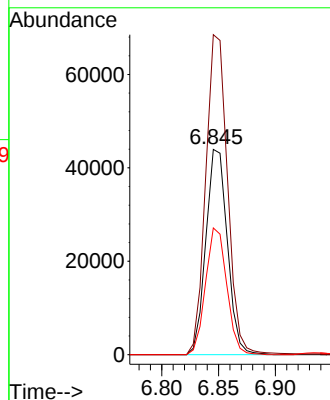
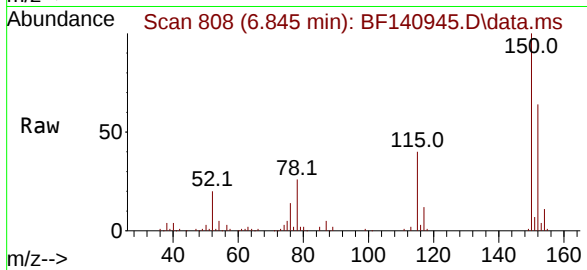




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

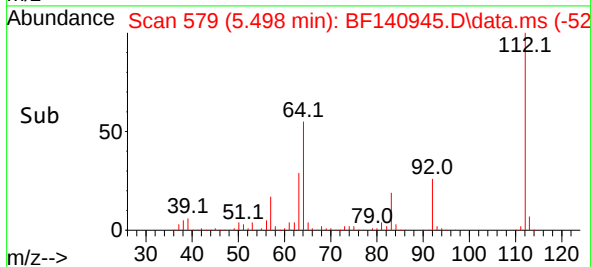
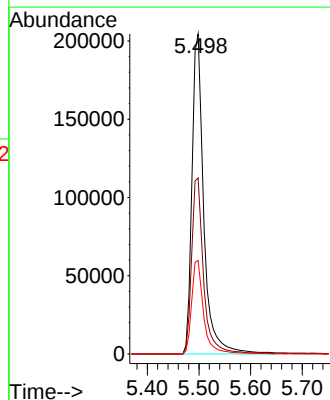
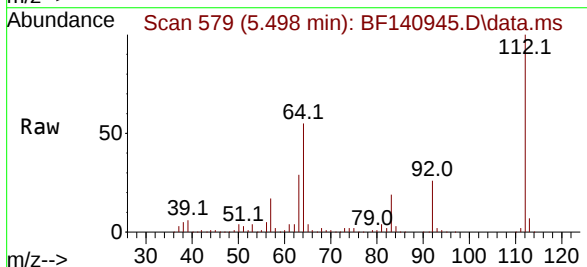
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

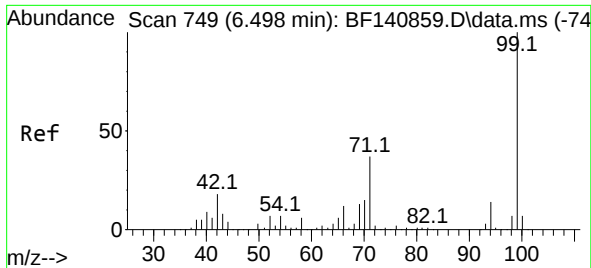
Tgt Ion:152 Resp: 57889
Ion Ratio Lower Upper
152 100
150 155.9 127.9 191.9
115 61.7 48.0 72.0



#5
2-Fluorophenol
Concen: 92.604 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion:112 Resp: 325649
Ion Ratio Lower Upper
112 100
64 55.0 46.1 69.1
63 29.2 24.9 37.3

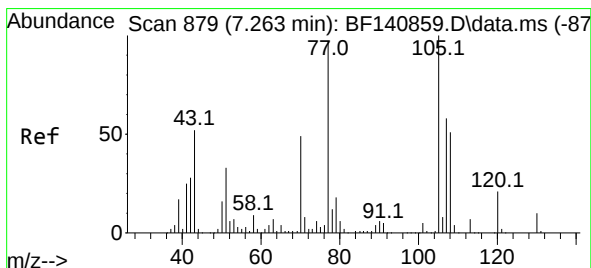
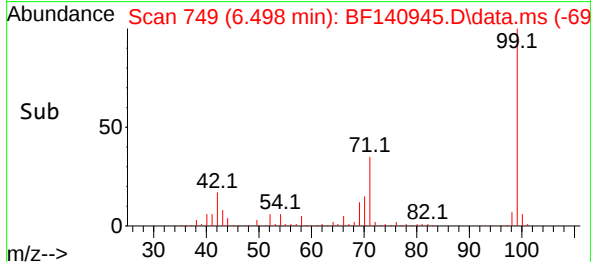
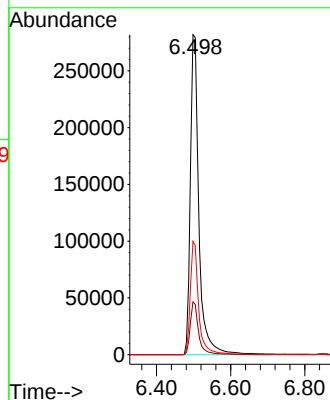
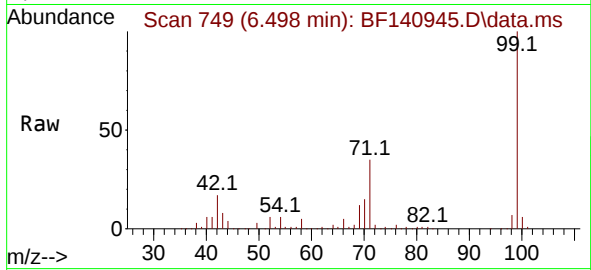




#7
Phenol-d6
Concen: 97.464 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

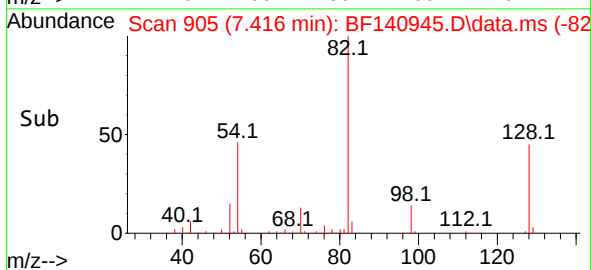
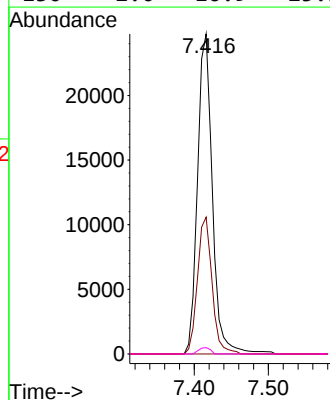
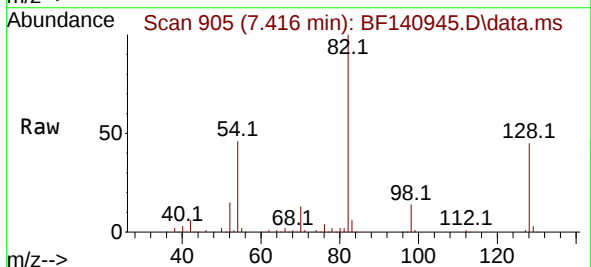
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

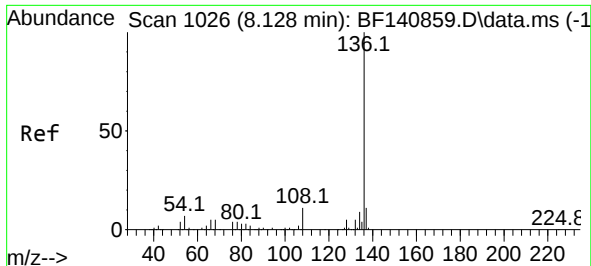
Tgt Ion: 99 Resp: 453959
Ion Ratio Lower Upper
99 100
42 16.5 14.3 21.5
71 35.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.346 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion: 70 Resp: 34493
Ion Ratio Lower Upper
70 100
42 42.8 45.3 67.9#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

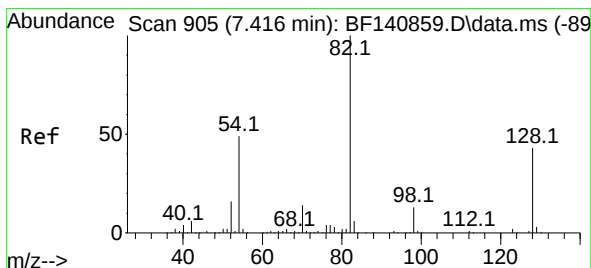
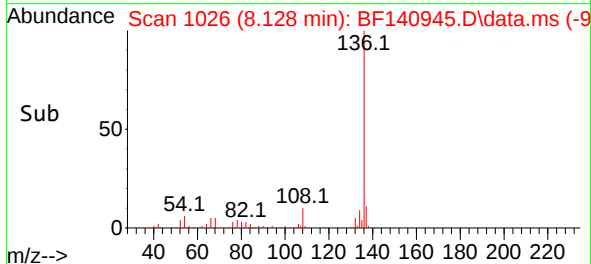
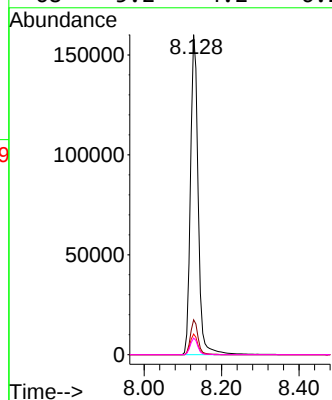
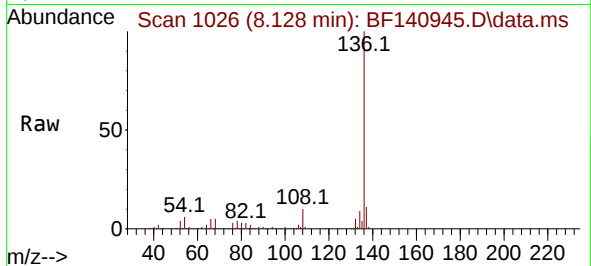




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

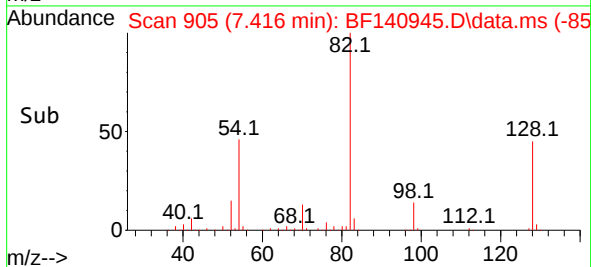
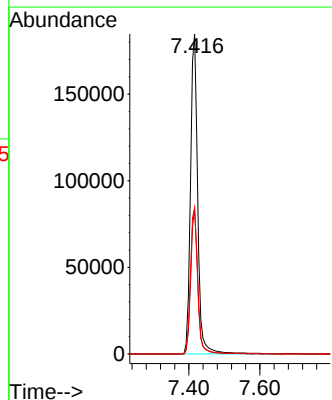
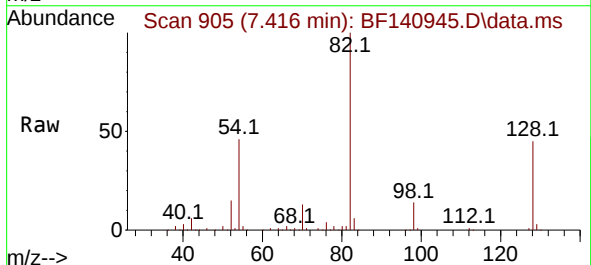
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

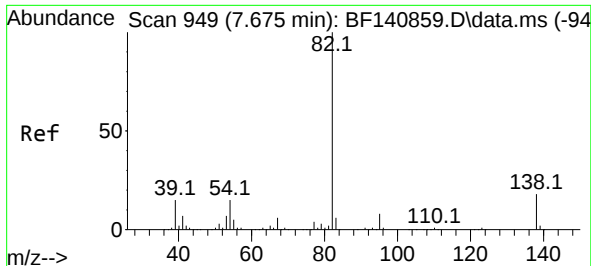
Tgt Ion:136	Resp: 220576
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 6.5	5.6 8.4
68 5.2	4.2 6.2



#23
Nitrobenzene-d5
Concen: 59.020 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion: 82	Resp: 260205
Ion Ratio	Lower Upper
82 100	
128 45.3	34.4 51.6
54 45.8	38.8 58.2

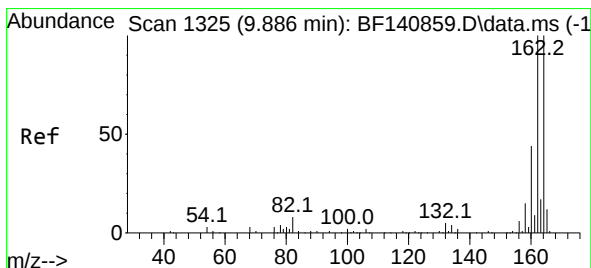
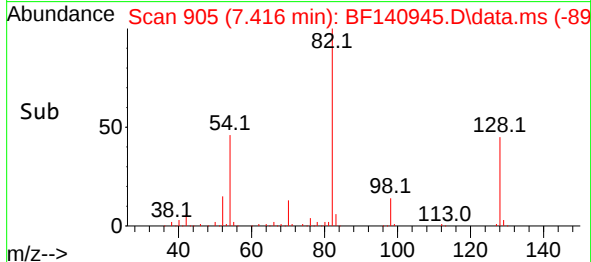
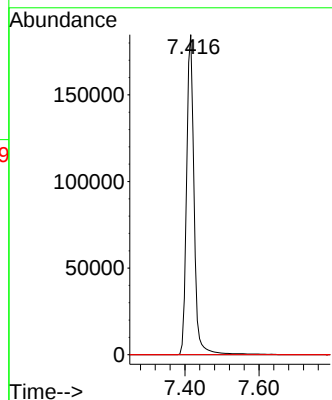
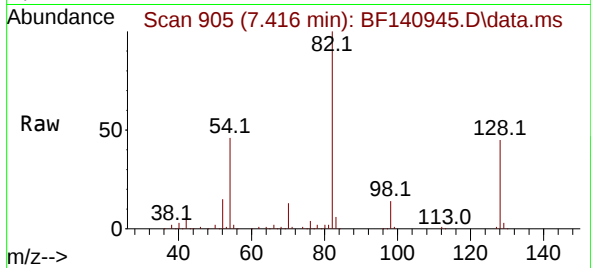




#25
Isophorone
Concen: 35.206 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

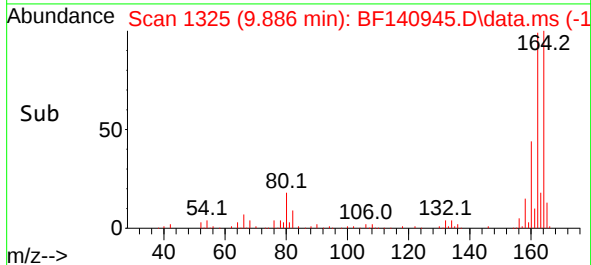
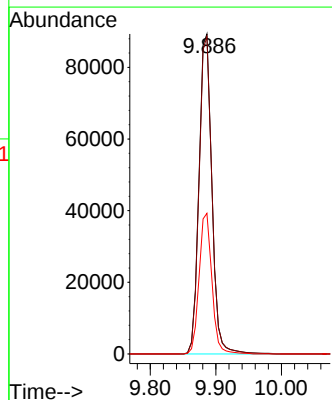
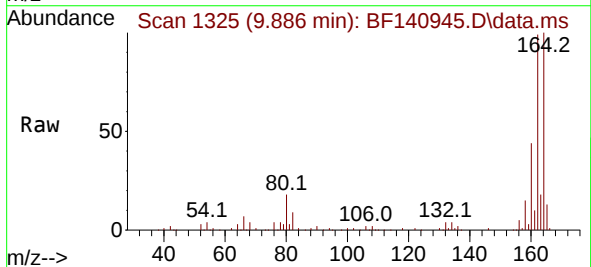
Instrument :
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ClientSampleId :
TT-304-IDWSO-20241217-1

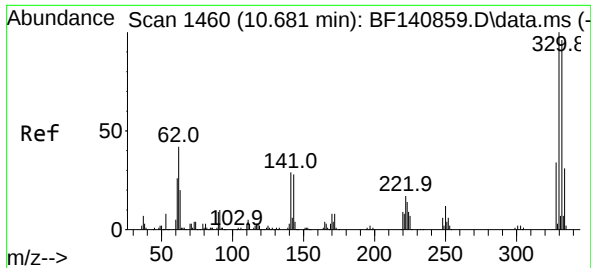
Tgt Ion: 82 Resp: 260072
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion:164 Resp: 122567
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.9 35.2 52.8

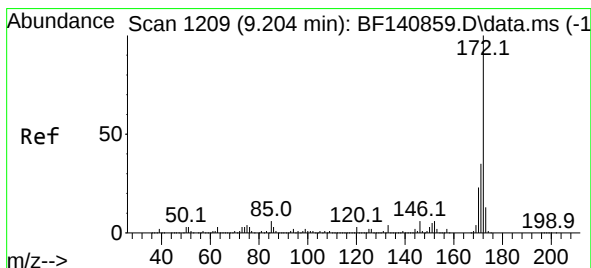
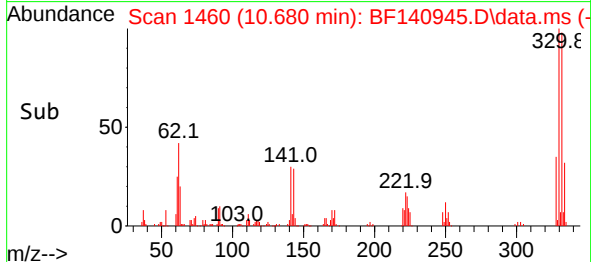
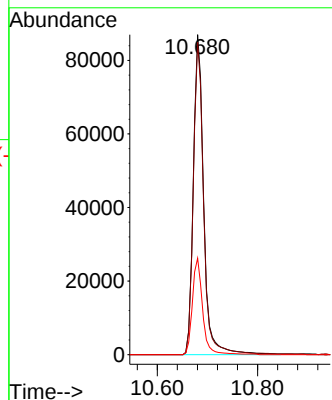
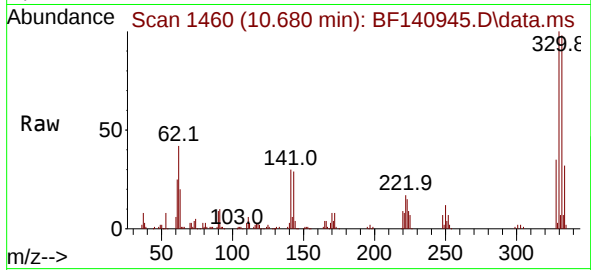




#42
2,4,6-Tribromophenol
Concen: 86.081 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

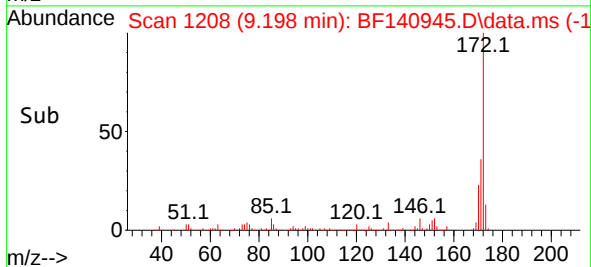
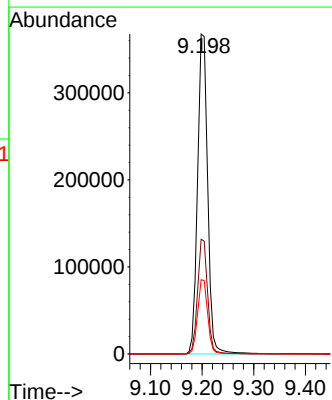
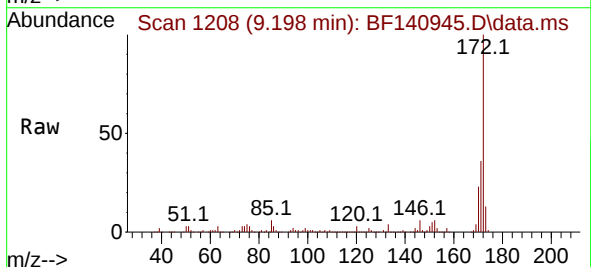
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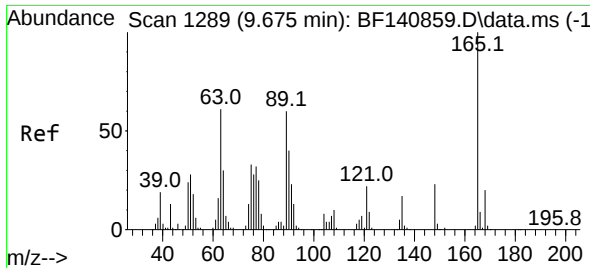
Tgt Ion:330 Resp: 124785
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 29.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 56.227 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion:172 Resp: 501263
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.2 18.6 28.0

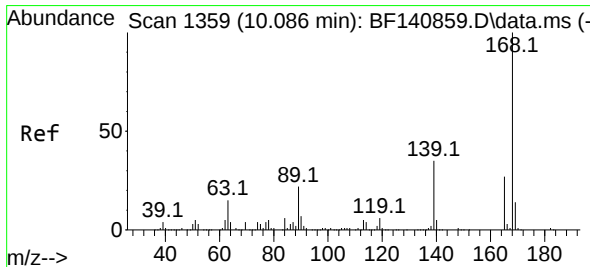
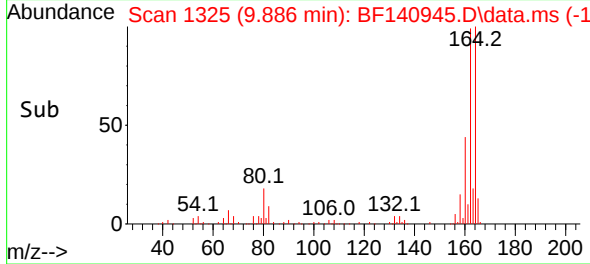
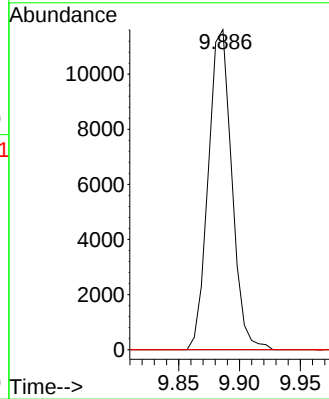
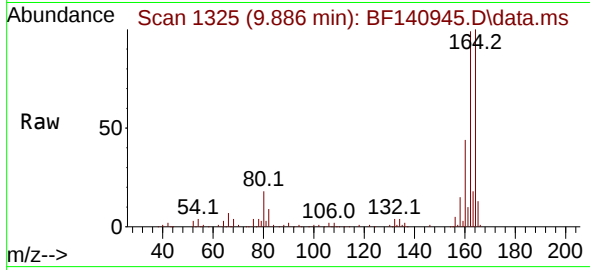




#51
2,6-Dinitrotoluene
Concen: 7.908 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

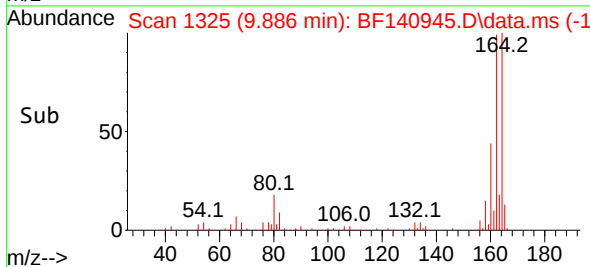
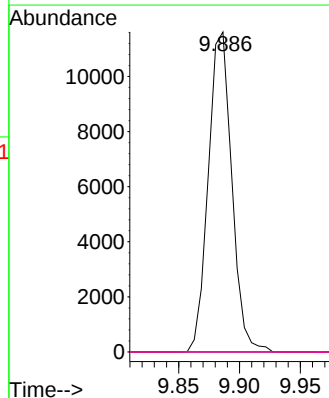
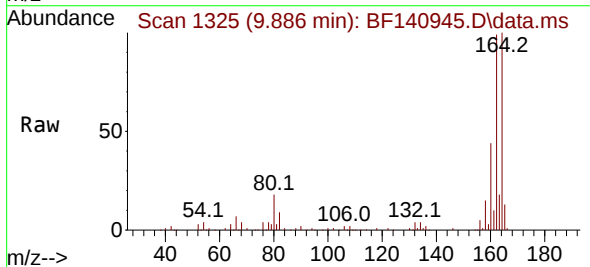
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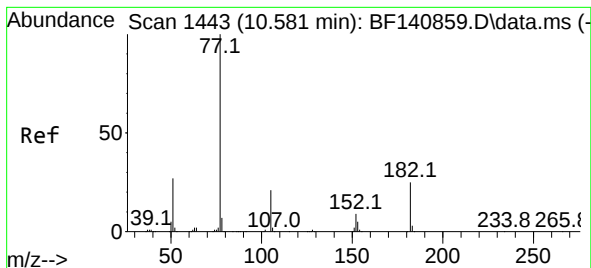
Tgt Ion:165 Resp: 15623
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 6.011 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion:165 Resp: 15623
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.316 ng

RT: 10.598 min Scan# 14

Delta R.T. 0.017 min

Lab File: BF140945.D

Acq: 20 Dec 2024 12:51

Instrument :

BNA_F

ClientSampleId :

TT-304-IDWSO-20241217-1

Tgt Ion: 77 Resp: 19506

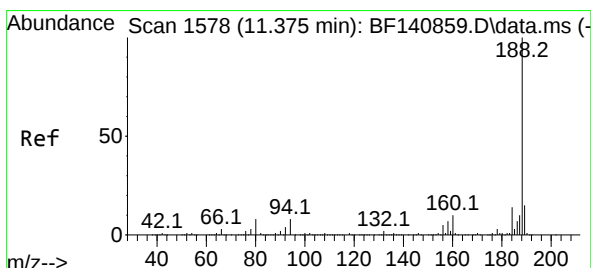
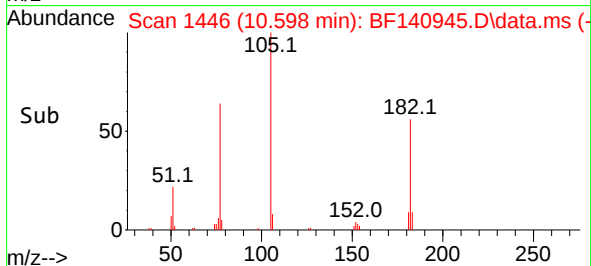
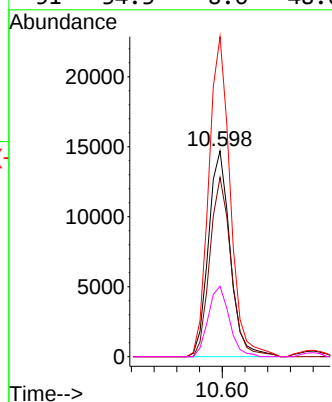
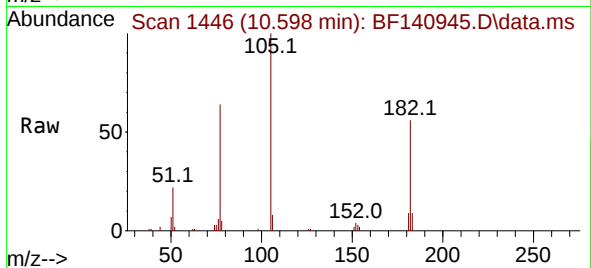
Ion Ratio Lower Upper

77 100

182 87.1 4.5 44.5#

105 155.6 0.9 40.9#

51 34.3 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140945.D

Acq: 20 Dec 2024 12:51

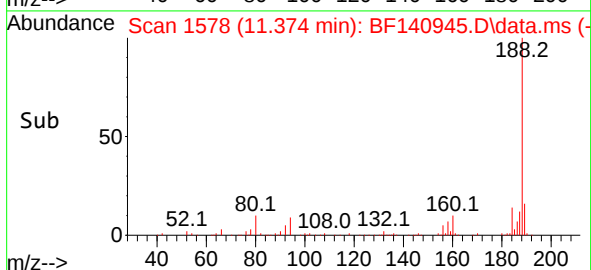
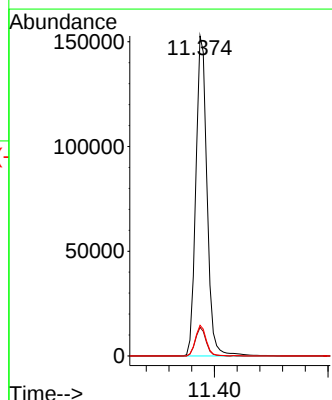
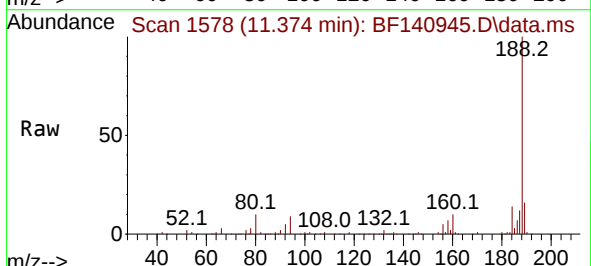
Tgt Ion: 188 Resp: 209736

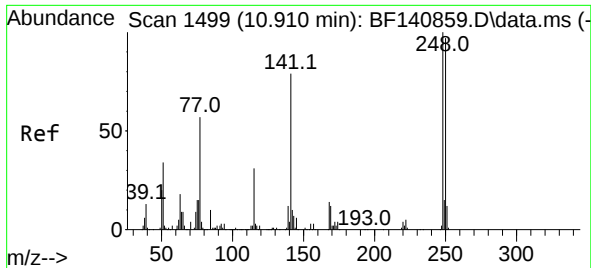
Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 9.6 6.8 10.2

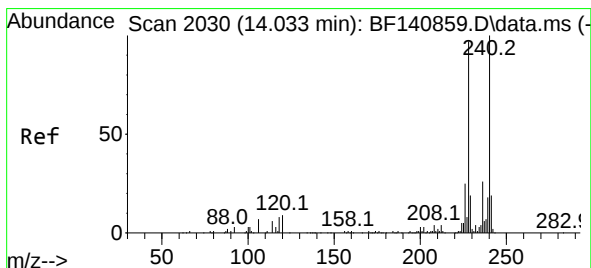
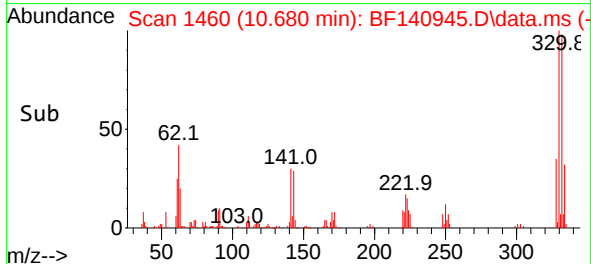
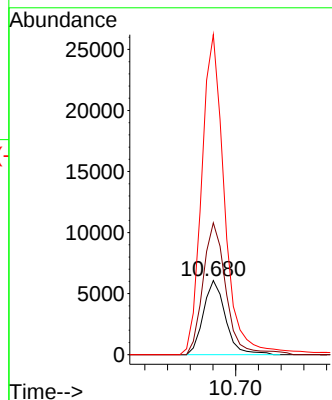
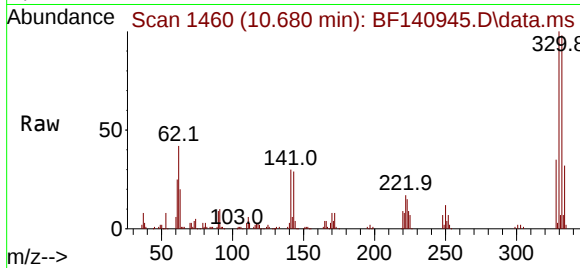




#67
4-Bromophenyl-phenylether
Concen: 3.505 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.230 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

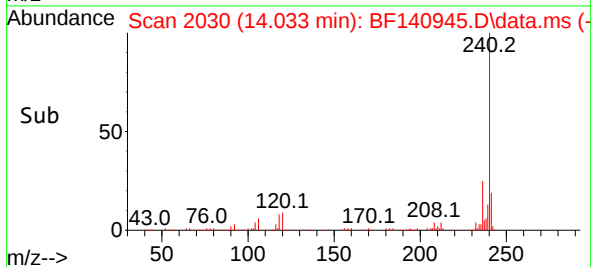
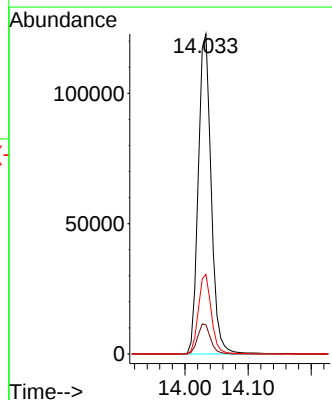
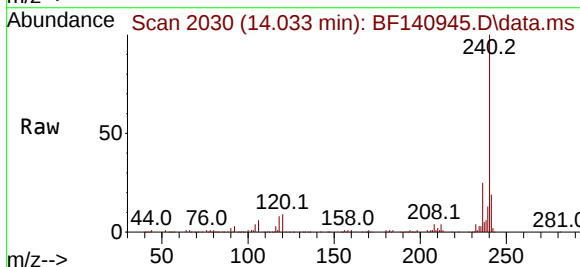
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

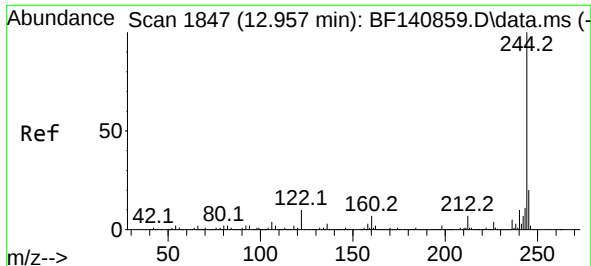
Tgt Ion:248 Resp: 8223
Ion Ratio Lower Upper
248 100
250 178.1 77.4 116.2#
141 432.1 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

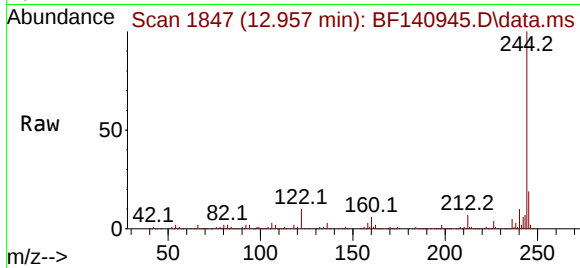
Tgt Ion:240 Resp: 174197
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 24.8 20.5 30.7



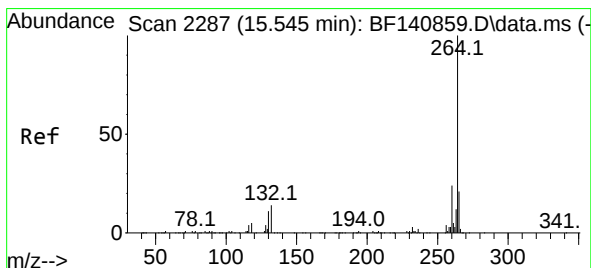
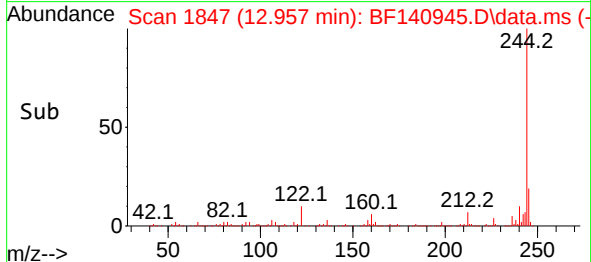
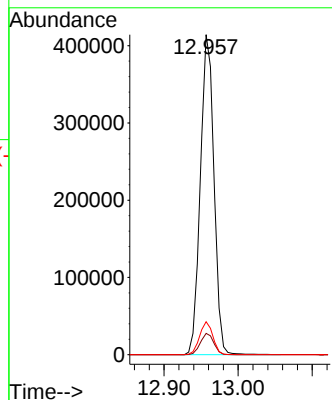


#79
 Terphenyl-d14
 Concen: 47.970 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140945.D
 Acq: 20 Dec 2024 12:51

Instrument :
 BNA_F
 ClientSampleId :
 TT-304-IDWSO-20241217-1



Tgt Ion:244 Resp: 529929
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF140945.D
 Acq: 20 Dec 2024 12:51

Tgt Ion:264 Resp: 135546
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.7 17.0 25.4

